# GOVERNMENT OF INDIA
# NEW AND RENEWABLE ENERGY
# LOK SABHA

UNSTARRED QUESTION NO:3487
ANSWERED ON:23.03.2017
Exchange of Technology
Sawant Shri Arvind Ganpat

**Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:**

(a) whether the Union Government proposes to exchange technology with other countries to improve the electricity generation capacity through new and renewable energy sources and to reduce the production cost thereof;
(b) if so, the details thereof; and
(c) the other measures taken or likely to be taken by the Union Government to develop affordable new and renewable energy sources in the country?

## Answer

THE MINISTER OF STATE FOR POWER, COAL, NEW & RENEWABLE ENERGY AND MINES (INDEPENDENT CHARGE) (SHRI PIYUSH GOYAL)

(a) & (b): Yes Madam. Government of India through Ministry of New and Renewable Energy (MNRE) have MoUs containing details regarding exchange of technologies with number of countries on numerous subjects including improving the electricity generation capacity and to reduce the production cost. Details of countries having MoUs with India on exchange of technology is given at Annexure −I.

(c): The steps taken by the Government to increase the generation of renewable energy sources viz wind energy, solar energy, biomass and small hydro power includes:
? Incentives in the forms of generation based incentives/subsidies, fiscal incentives such as accelerated depreciation, concessional customs duty, excise duty exemptions, income tax holiday for 10 years and viability gap funding from NCEF.
? Up-scaling of the target of renewable energy capacity to 175 GW by the year 2022 which includes 100 GW from solar, 60 GW from wind, 10 GW from bio-power and 5 GW from small hydro-power;
? amendments in the Tariff Policy for strong enforcement of Renewable Purchase Obligation (RPO) and for providing Renewable Generation Obligation (RGO);
? setting up of exclusive solar parks;
? development of power transmission network through Green Energy Corridor project;
? identification of large government complexes/ buildings for rooftop projects;
? infrastructure status for solar projects;
? raising tax free solar bonds;
? making roof top solar a part of housing loan by banks/NHB;
? incorporating measures in Integrated Power Development Scheme (IPDS) for encouraging distribution companies and making net-metering compulsory;
? raising funds from bilateral and international donors as also from the Green Climate Fund to achieve the target. and
? creation of Surya Mitras for installation and maintenance of the Solar Projects.
*********